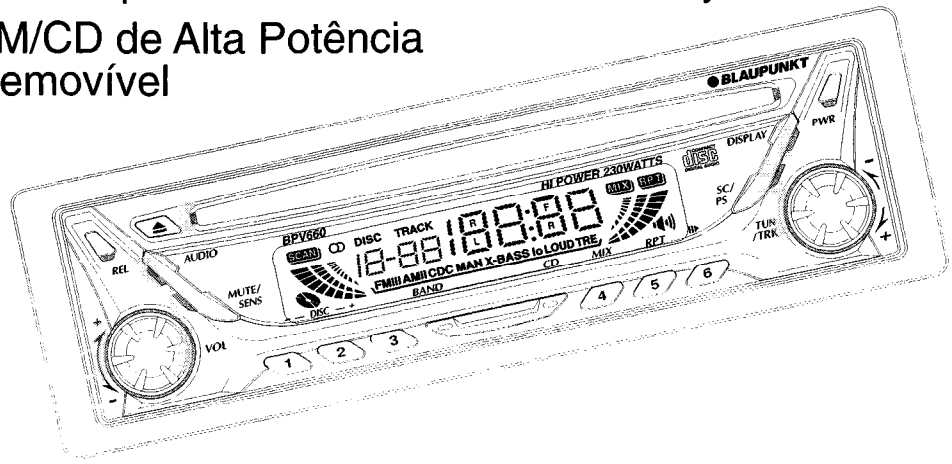
BPV 660

High-Power FM/AM/CD Receiver with Detachable Face

Autoradio FM/AM à Lecteur CD de Forte Puissance et à Face Amovible

Receptor FM/AM/Reproductor de CD de Alta Potencia y con Panel Extraíble

Rádio FM/AM/CD de Alta Potência
com Face Removível



Robert Bosch Corporation
Sales Group —
Blaupunkt Division
2800 South 25th Avenue,
Broadview, Illinois 60155
http://www.blaupunktUSA.com/

BLAUPUNKT®

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PORTUGUÊS

FCC WARNING

This equipment has been tested and found to comply with the limits for a Class B device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with instructions, may cause harmful interference with radio communications. However, there is no guarantee that radio interference will not occur in particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.
You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Features

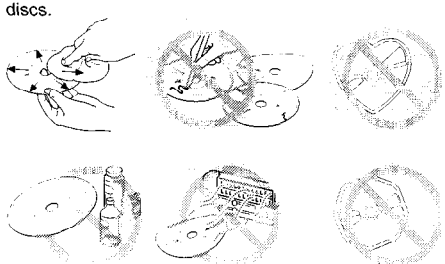
- **Detachable front panel**
- **Built-in power amplifier (max. output : 57.5W × 4ch)**
- **FM/AM PLL Synthesizer tuner**
- **30 Station preset memory**
- **Travel Store / Scan tuning**
- **Auxiliary input**
  Requires use of Blaupunkt Part 7 607 897 093 and F00E500029.
- **Optional IR Remote Controls**
- **CD changer control**
  Requires use of Blaupunkt Part F00E500029.
  (IDC-A09, CDC-A08, CDC-A071, CDC-A05*)
  * CDC-A05 requires use of accessory cable # 7 607 889 093, available separately.

Precautions

- Avoid installing the unit where it would be subject to high temperatures, such as in direct sunlight or a hot air stream from the heater, or where it would be subject to dust, dirt, or excessive vibration.
- Do not turn on the unit if the temperature inside the car is very high. Always cool down the unit before usage. Parking your car in direct sunlight will result in a temperature rise.
- If the unit does not turn on, check the connections first. Then check whether the fuse at the back of the unit is blown.
- Carefully read this manual before using the unit. If you encounter any problems that are not covered in this manual, please consult the dealer where you purchased the unit or the dealer nearest to you.
- This unit has been designed specifically for playback of compact discs bearing the following mark. Other discs cannot be played.

Handling Compact Discs

- Be careful when removing a compact disk after the playback is completed because the disk may be extremely hot.
- Do not use non-conventional discs such as heart-shaped, octangonal discs, etc. The player could be damaged.
- Do not expose compact discs to direct sunlight or any heat source.
- Check all compact discs before playing, and discard cracked, scratched or warped discs.
- Wipe dirty or damp discs outward from the centre with a soft cloth.
- Do not use any solvents such as commercially available cleaners, antistatic spray, or thinner to clean the compact discs.



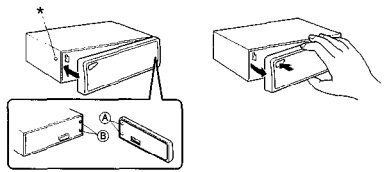
Handling the Front Panel

Attaching the Front Panel

Place the right hand side of the front panel so that the parts Ⓐ of the front panel are engaged with the parts Ⓑ of the unit as shown below. Then push the left hand side of the front panel until it is securely locked.

Detaching the Front Panel

Remove the CD from the unit, if any, and turn off the power of the unit.
Press the (REL) to unlock the front panel from the unit. Grasp the front panel as shown below and remove it from the unit.



Security

To avoid theft or loss of the front panel, you can inactivate the release button (REL) by installing the screw provided.

1. Unscrew the bolt marked ★ at the left front side of the unit. (See diagram above)
2. Attach the front panel.
3. Select a locking screw from the mounting hardware (See page 8) and screw it into the same hole to fasten the front panel.

Notes

- ***Do not press hard on the front panel when affixing it to the unit. No more than light to moderate pressure should be needed.***
- ***Make sure there is no dust or dirt on the electrical terminals on the back of the front panel as this could cause intermitent operation or other malfunctions.***

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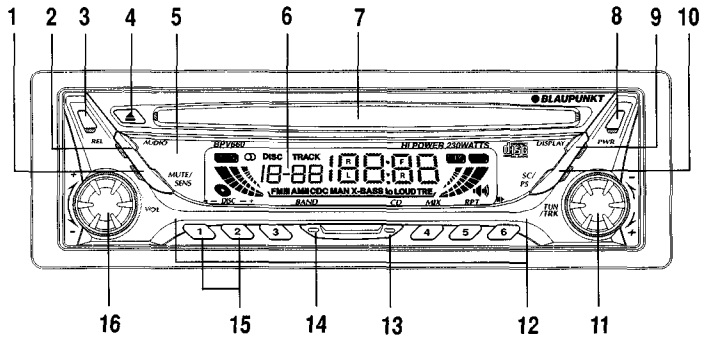
Identification of Controls

Front Panel



1 **MUTE/SENS** button
Mutes the sound. Switches the seek sensitivity between local and distance.

2 **AUDIO** button
Audio control selector; Bass, Treble, Loudness, X-BASS, Balance, Fader & Level Meter.

3 **REL** button
Releases the detachable front panel.

4 **Eject ▲** button
Ejects the CD. Reset the unit.

5 **Infrared Sensor** (behind acrylic facia)
Permits wireless remote control of AM/FM/CD and CD changer with RC-823 credit card style remote.

6 **LCD Display window**

7 **CD insertion slot**
Insert the CD here.

8 **PWR** button
Turns the power of the unit on or off.

9 **DISPLAY** button
Display selector. Display priority setting.Clock adjustment.

10 **SC/PS** button
Scan tuning. Preset scan tuning. Scan play in CD/CDC mode.

11 **TUN/TRK** dial
Used to tune in to the desired station.

12 **PRESET MEMORY** button
During radio reception :
(1) - (6) ; For Preset memory
During CD mode :
(4/MIX) ; For Mix play (Mix & Mix all during CDC)
(5/RPT) ; For Repeat play
(6/II) ; For Pause

13 **CD** button
Selects the operating source (CD, CD changer or AUX).

14 **BAND** button
Selects the AM/FM band & Travel store.

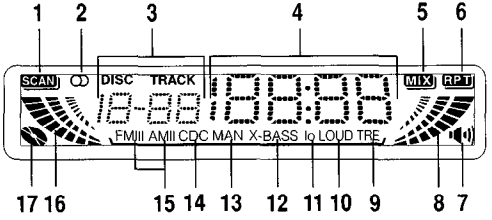
15 **DISC SELECT** button
Select the desired CD in CDC (CD changer) mode.

16 **VOL** dial
Adjusts the volume level and audio control.

Remote Control (Optional)

You can operate your receivers basic AM, FM, CD & CDC features via an optional IR Remote Control. Optional Credit Card type and Steering Wheel mounted remotes are available.

LCD Display



1 **SCAN** indicator
2 **STEREO signal** indicator
3 **DISC/TRACK Number** indicator
4 **Main display section**
5 **MIX Mode** *indicator*
6 **RPT Mode** indicator
7 **X-BASS level** indicator
8 **R-ch Level Meter**
9 **Treble** indicator
10 **LOUD** indicator
11 ***lo(Local)*** *indicator*
12 **X-BASS/BAS** indicator
13 **MAN(Manual tuning)** indicator
14 **CD Changer** indicator
15 **AM/FM** indicator
16 **L-ch Level Meter**
17 **DISC IN** indicator

Turning the power On/Off

Press the (PWR) to turn the unit On or Off.

Volume Level Control and Memory

Rotate the VOL dial to adjust the volume.
It is also possible to set turn-on volume level by following the procedure explained below.

1. Rotate the VOL dial until it is set at the required volume.

Volume up

Volume down

2. Press the (PWR) for two or more seconds. The power will be switched off and the current volume level recorded.

Muting the sound

Press (MUTE / SENS).
The R-ch/L-ch Level Meter flashes.
To restore the previous volume level, press (MUTE / SENS) again.

Setting the Clock

The clock uses a 12-hour display system.

1. Turn the ignition key to the ON position.
2. Press the (PWR) to turn on the unit.
3. Press and hold the (DISPLAY) for more than two seconds to enter the Clock setting mode.
4. Use the following buttons and dial to set the clock. (The blinking section can be adjusted.)

(AUDIO) : To activated Hour blink

(MUTE / SENS) : To activated Minute blink

: Adjust the Hour and minute

5. Press the (DISPLAY) momentarily to complete the Clock setting mode.

Ignition-off Clock Recall

The display will illuminate showing the time and then automatically shut off after 5 seconds.

Press the (DISPLAY) while the ignition switch is in the " OFF " position.

Display Priority Selector

Each time the (DISPLAY) is pressed, the display window will change as shown below ;

- **Radio mode**
  Frequency and Clock.
- **CD / CDC(CD changer) mode**
  Elapsed time and Clock.

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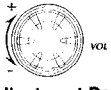
Adjusting the Sound Characteristics

1. Press the AUDIO to select the desired adjustment mode as follows:

BASS 0
↓
TREBLE 0
↓
LOUD OFF (LOUDNESS)
↓
X-BASS 0
↓
L0 R0 (BALANCE)
↓
R0 F0 (FADER)
↓
LE Lo (LEVEL METER)

2. Rotate the VOL dial to adjust the selected item.
Use the following tables as a guide for adjusting the settings in each mode.
Adjust within 5 seconds after selecting the item. After 5 seconds, the unit returns to previous indication.



Adjustment Range

BASS	BASS –5		BASS 5
TREBLE	TREBLE –5		TREBLE 5
LOUDNESS	LOUD OFF		LOUD ON
X-BASS	X-BASS 0		X-BASS 4
BALANCE	L9 R0(Full left)		L0 R9(Full right)
FADER	R9 F0(Full rear)		R0 F9(Full front)
LEVEL METER	OFF	Lo (Normal)	Hi (High)

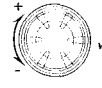
Tip
Settings for BASS, TREBLE, LOUDNESS and XBASS can be made to each of the following modes independently:
FM, AM, CD, CD Changer and AUX.

Enhancing the bass sound

For extended bass centered @ 72Hz, Blaupunkt's X-BASS function can be set for either each band and CD mode.

You can select :
- X-BASS 1 : Enhanced BASS level (low).
- X-BASS 2 : Enhanced BASS level (Middle).
- X-BASS 3 : Enhanced BASS level (High).
- X-BASS 4 : Enhanced BASS level (Very high).
- X-BASS 0 : No BASS enhanced.

Press the AUDIO to display the " X-BASS " on the display window. Each time you rotate the VOL dial, the current mode appears on the display window and the mode change as follows:



X-BASS 0 (No display)
↓↑
X-BASS 1
↓↑
X-BASS 2
↓↑
X-BASS 3
↓↑
X-BASS 4

Note
Reduce XBASS level if your combination of speakers and add-on amplifiers sound distorted at the preferred sound level.

Level Meter Sensitivity selection

The sensitivity of the level meter display can be switched.

You can select :
- OFF (No indication)
- Low : Normal (Low) sensitivity.
- High : High sensitivity.

1. Press the AUDIO to display the " LE Lo " on the display window.

2. Rotate the VOL dial to select the desired meter sensitivity.

: OFF
: Lo
: Hi

Switching the Source (Selecting auxiliary input)

You can connect auxiliary equipment (Portable cassette player, etc) to this radio via optional AUX-IN cable. (See page 9)

Each time the CD is pressed, the operation source will change over as shown below;

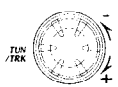
RADIO → CD → CD changer or AUX
↑ ↓

Press the BAND to return to tuner mode.

Note
If the CD button is pressed when no CD has been loaded into the unit, The CD mode will skip to the CD changer mode or AUX mode.
Also, if the CD changer is not connected, the system will move across to the AUX mode regardless of whether auxiliary equipment is connected or not (" AU " will be displayed.)
It is not possible to switch to the AUX mode when the CD changer is connected.

Seek Tuning

1. Press the BAND to select the desired AM or FM band.
   FM I → FM II → FM III → AM I → AM II
   (FM III & AM II are Travel Store bands.)
2. Rotate the TUN/TRK dial to tune in stations. Tuning automatically stops at a broadcasting frequency.
   When tuned in to FM stereo broadcasting stations, the " ⊙ " stereo signal indicator will appear on the display window.



: Lower Frequency.

: Higher Frequency.

Manual Tuning

1. Press the BAND to select the desired AM or FM band.
2. Rotate and hold the TUN/TRK dial for more than 0.5 second to activate the manual tuning mode.
   " MAN " indicator will appear on the display window.
   Rotate again to tune in to stations.
   After 4 seconds of completing Manual Tuning, the tuning control will revert to the Seek Tuning mode.

Scan Tuning

1. Press the BAND to select the desired AM or FM band.
2. Hold the SC/PS pressed for less than 2 seconds.
   The unit will scan the selected band for stations and the unit will stop at each station for 8 seconds, before continuing to the next station.
   Press the SC/PS again to stop Scan Tuning and remain this on the selected frequency.

Preset Scan Tuning

1. Press the BAND to select the desired AM or FM band.
2. Hold the SC/PS pressed for more than 2 seconds.
   The unit will scan preset memory for the 12 stations from the AM I/AM II band or the 18 stations from the FM I/FM II/FM III bands. The unit will stop at each preset station for 8 seconds, before continuing to the next preset station.
   Press the SC/PS again to stop Preset Scan Tuning and remain this on the selected frequency.

Memorizing Stations Automatically (Travel Store)

1. Press the BAND to select the desired AM or FM band.
2. Hold the BAND pressed for longer than 2 seconds.
   Up to 6 stations with strong signals will be automatically stored in preset memory for the selected band.
   If the radio is in FM I or FM II, it switches to FM III. If the radio is in AM I, it switches to AM II.

Note

This function is available for FM III and AM II.

Memorizing Only the Desired Stations

You can store up to 6 stations on each band (18 for FM I, FM II and FM III, 12 for AM I and AM II) in the order of your choice.

1. Press the BAND to select the desired band.
2. Rotate the TUN/TRK dial to tune in stations.
3. Press and hold the desired preset memory button 1 - 6 for about 2 seconds until the frequency indicator flashes twice.
   The number of the pressed preset memory button appears on the display window.

Note

If when you store another station on the same preset number button, the previously stored station is replaced with new one.

Receiving the Memorized Stations

1. Press the BAND to select the desired AM or FM band.
2. Press the 1 - 6 momentarily.

Local/Distant (LO/DX) Selection

This feature is used to select the signal strength at which the radio will stop during Seek Tuning.

Press the MUTE / SENS for more than 2 seconds to select the Local setting and only strong (local) stations will be received. The " lo " indicator appears on the display window.
Pressing for more than 2 seconds again will select the Distant setting and the radio will stop at a wider range of signals, including weaker more distant stations. The " lo " indicator will go out on the display window. DX is the suggested default setting.

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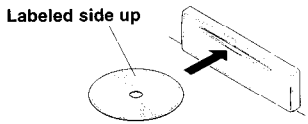
Playing the CD player

Loading Discs

Insert the disc into the CD insertion slot with the labeled side facing up.
Playback begins automatically.



NEVER Insert a 3-inch CD!

This unit is designed for playback of standard 5-inch CD's only. Do not attempt to use 3-inch CD singles in this unit, either with or without an adaptor, as damage to the player and/or disc may occur.

Tips

- *When a CD is loaded, the* ◔ *on the display remains lit.*

Listening to a disc that is already loaded

Press the (CD) to select the CD mode.
Playback begins automatically.

Pausing Playback

Press the (6/II▸).
To resume playback, press the (6/II▸) again.

Stopping Playback

Press the (BAND) to select the radio reception (FM I, FM II, FM III or AM I, AM II).

Ejecting Discs

Press the (▲) to eject the disc.

Notes

- ***The unit will turn on automatically when a CD is inserted if the ignition switch is "ON".***
- ***When the disc is ejected from the CD slot, remove it within 10 seconds; otherwise, the disc will be reloaded automatically.***

Track Search

Rotate the TUN/TRK dial during CD mode. Track numbers appear in the display window.

: Playback starts from the beginning of the current track. Rotate again to play the previous track.

: Playback starts from the beginning of the next track.

Cue / Review

Rotate and hold the TUN/TRK dial. Release when you have found the desired point.

: To search backward.

: To search forward.

Scan Play

Press the (SC/PS) during CD mode.

The " SCAN " indicator appears in the display window. This will play the first 10 seconds of all the tracks on the disc.
Press the (SC/PS) again to cancel this feature.

Repeat Play

Press the (5/RPT) during CD mode.

The " RPT " indicator appears in the display window and the current track is played repeatedly.
Press the (5/RPT) again to cancel this feature.

Mix Play

Press the (4/MIX) during CD mode.

The " MIX " indicator appears in the display window.
All the tracks on the current disc are played in random order.
Press the (4/MIX) again to cancel this feature.

Playing the CD Changer

This product can control a CD changer. Please check with your nearest car stereo specialist for recommendations of the models that will work with this radio (See page 1).

Press the (CD) to switch the CD changer mode. DISC and TRACK are displayed. The disc no., track number no., and time are indicated in the display window and playback begins automatically. Press again to change back to built-in CD operation.

Disc Select

Press the Disc select buttons to select the desired disc for play.

(2) : To advance to a higher number disc.

(1) : To return to a lower number disc.

Track Search

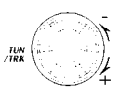
Rotate the TUN/TRK dial.
Track numbers appear in the display window.

: Playback starts from the beginning of the current track. Rotate again to play the previous track.

: Playback starts from the beginning of the next track.

Cue / Review

Rotate and hold the TUN/TRK dial. Release when you have found the desired point.



: To search backward.

: To search forward.

Track / Disc Scan Play

Track Scan
Press the (SC/PS).

The " SCAN " indicator appears in the display window. This will play the first 10 seconds of all the tracks on the disc.
Press the (SC/PS) again to cancel this feature.

Disc Scan
Press the (SC/PS) for more than 2 seconds.

The " SCAN " indicator appears in the display window. This will play the first 10 seconds of the first track on each disc.
Press the (SC/PS) again to cancel this feature.

Track / Disc Repeat Play

Track Repeat
Press the (5/RPT).

The " RPT " indicator appears in the display window and the current track is played repeatedly.
Press the (5/RPT) again to cancel this feature.

Disc Repeat
Press the (5/RPT) for more than 2 seconds.

The " RPT " indicator appears in the display window and the current disc will be continually repeated.
Press the (5/RPT) again to cancel this feature.

Track / Disc Mix Play

Track Mix
Press the (4/MIX).

The " MIX " indicator appears in the display window.
All the tracks on the current disc are played in random order.
Press the (4/MIX) again to cancel this feature.

Disc Mix
Press the (4/MIX) for more than 2 seconds.

The " MIX " indicator appears in the display window.
Both discs and tracks will be played in random order.
Press the (4/MIX) again to cancel this feature.

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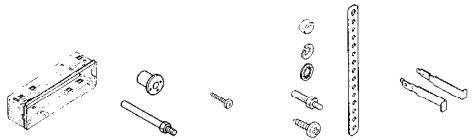
Supplied Mounting Hardware



Sleeve | Bushing, Screw | Locking screw | Mounting Strap and Screw | Release Keys

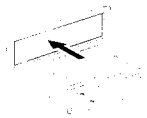
Precautions

- **Be sure to detach the front panel before you start installing the unit.**
- Choose the mounting location carefully so that the unit will not interfere with the normal driving operations of the driver.
- Use only the supplied mounting hardware for a safe and secure installation.
- When mounting the unit in a car, keep the unit as level as possible. If the unit must be mounted at an angle, due to the design of the vehicle, make sure that the unit does not tilt upward by more than 30°.

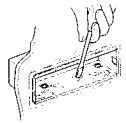
Mounting Example

Installation in the dashboard.

1. Install the sleeve in the dashboard.



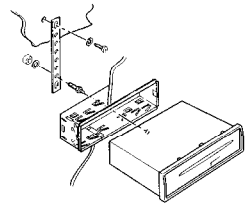
2. Select and bend the appropriate tabs to hold the sleeve firmly in place.



Mounting Strap Use

3. Attaching the Mounting Strap to the underside of the dash board, using screw.
Attach the back of the unit to the Mounting Strap using the support stem bolt and hardware.

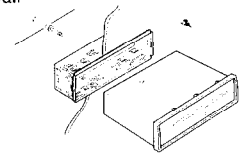
Fire wall

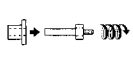


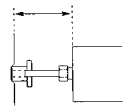
Bushing Use

3. As shown in the figure below, securely fasten the screw, which has been inserted into the bushing to the rear of the set.

Fire wall

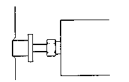






The distance to the fire wall varies due to the type of the car. Be sure to secure the unit by properly inserting the bushing.

Caution



Insufficient fastening of the screw may cause some CD's to skip.

** Warning*

Failure to properly install the Mounting Strap or rear support Bushing is a major cause of CD skipping. Without these securing devices, the chassis of the CD receiver is able to move up & down whenever the road has imperfections and CD skipping results.

Note

Some Japanese/Asian vehicles such as TOYOTA & NISSAN do not require use of the sleeve and trim ring assembly.
To secure the replacement radio use the O.E.M. brackets and mounting screws. These brackets will align with the threaded screw holes found on each side of the new radio.

Warning

- ***To prevent short circuit, remove the key from the ignition and disconnect the battery's (–) terminal.***
- ***This unit is designed for negative ground 12 V DC operation only. You can not use it for 24 V or other types of car batteries.***

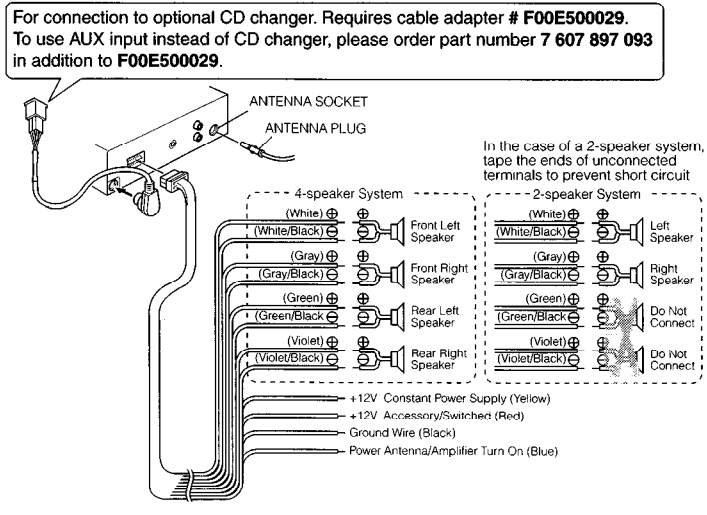
Connection procedure

Caution

- DO NOT connect any speaker wires to the metal body or chassis of the vehicle.
- DO NOT connect the speaker common (–) wires to each other.
- Connect each speaker wire directly to each speaker terminal.
- All speaker common (–) wires must remain floating. ie. No common connections or connection to vehicle grd.
- Connect each pair of speaker leads only to a single speaker (or speaker system) that has an impedance of least 4 ohms, as well as 57.5-watt power-handling capability.
- Do not connect speaker leads to any inputs on external amplifiers. This will cause damage to the internal amplifier of this unit.

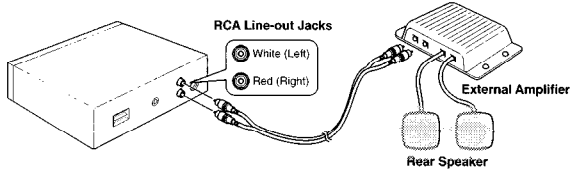
1. **Make sure the car's ignition key has been removed.**
2. **Disconnect the negative (–) terminal of the car's battery.**
3. **Connect the wiring harness wires in the following order : Ground wire (Black), +12V Constant Power Supply (Yellow), +12V Accessory/Switched (Red) and Power Antenna/Amplifier Turn On (Blue), and tape each so they do not come in contact with each other.**
4. **Connect the speaker wires of the wiring harness.**
5. **Connect the car's antenna terminal to the antenna socket of the unit.**
6. **Connect the detachable wire harness to the unit.**
7. **Reconnect the negative (–) terminal of the car's battery.**
8. **Start the car's engine.**
9. **Make sure the unit operates properly.**

Connection procedure



Preamp Out/Line Out Connections

- Since this unit has Line Level Outputs, you can use an amplifier to upgrade your vehicle stereo system.



RCA Line-out Jacks (For Rear Speakers)

- Connect a patch cable (not supplied) from the White (left rear channel) and Red (right rear channel) RCA line output jacks of the unit to the line input terminals of the external amplifier.

Replacing the Fuse

If the fuse is blown, check the power connection first and then replace the fuse. If the fuse blows again under normal conditions, the unit may be defective.

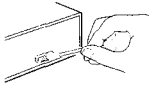
Back of the unit

Warning

Use only a fuse with the specified amperage (10 A).
Use of another type of fuse can result in a fire or unit damage.

Cleaning the Connectors

If the connectors of the unit and the front panel are contaminated, malfunctions may occur.
Detach the front panel and clean the connectors with an alcohol dampened cotton swab as shown below.



Main unit

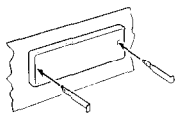
Back of the front panel

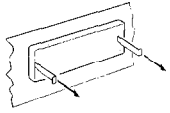
Returning to the Initial Settings

When the Eject button is pressed for more than 10 seconds, the microcomputer of the unit returns to the initial settings. If the display window is not properly shown or the unit malfunctions, press the Eject button for more than five seconds.

Removing the Unit

Use the supplied release keys when you need to remove the unit from the car.
Insert them into the unit as shown below. This will unlock the unit from the sleeve, allowing for removal of the unit.





Note

- ***Handle the release keys carefully to avoid injuring your fingers.***
- ***Keep the release keys in a safe place for future use.***

Troubleshooting Guide

The following check will assist in the correction of most problems which you may encounter with your unit. Before going through the check list below, refer back to the connection and operating procedures.

General

Trouble	Cause/Solution
• Memorized stations and correct time are erased. • The fuse has blown. • Radio works when the ignition key is the ON, ACC and OFF positions.	Leads are not matched correctly with the car's accessory power connector. Check wiring for short circuits.
• No power is being supplied to the unit. • The power is continuously supplied to the unit.	The car doesn't have an ACC position.

Radio reception

Trouble	Cause/Solution
Preset stations are not receivable.	The broadcast signal is too weak.
Seek tuning is not possible	The broadcast signal is too weak. → Use manual tuning.
Travel Store feature does not complete storing of six stations.	Not enough broadcast frequencies are receivable.

Also make sure that antenna is connected, extended and dry inside.

If the above mentioned solutions do not help to improve the situation, consult your nearest **Blaupunkt** dealer or in the United States call 1-800-266-2528 for technical assistance, parts and service. Call 1-800-950-2528 for dealer referral or to request product brochure.

CD Player Troubleshooting

When problems occur with CD playback, an error message appears in the display window.
Refer to the table below to identify the problem, then take the suggested corrective action. If the error persists, contact your nearest **Blaupunkt** dealer.

Message	Possible cause	Recommended action
E-01	Dirty disc. Scratched disc. Up-side-down.	Clean the disc. Replace the disc. Check the disc.
E-02	Focus error.	Try ejecting and re-inserting under normal temperature conditions.
E-03	Data and focus error.	Under normal temperature conditions, eject and insert clean, undamaged disc properly.
E-04	Mechanical problem.	Eject and re-insert.
E-05	Loading/Eject error.	Eject and re-insert.

CD Changer Troubleshooting

When problems should develop while operating CD changer, an error message appears in the display window.
Refer to the table below to identify the problem, then take the suggested corrective action. If the error persists or "E-03" and "E-05" appears, contact your nearest **Blaupunkt** dealer.

Message	Possible cause	Recommended action
no dISC no-d	No magazine. No disc.	Load the magazine in the CD changer. Check the disc.
E-01	Up-side-down. Focus error.	Check the disc.
E-02	Communication error.	Check the connection of the CD changer.
E-04	Excessive temperature conditions at the CD changer.	The error sign will go off and play will resume when the temperature to a normal range.

Specifications

GENERAL

Dimensions	:	Approx. 178 mm × 50 mm × 155 mm (W × H × D)
Power requirements	:	12 volts DC car battery (negative ground)
Output Power	:	RMS and Peak Power ratings (188 watts) 230 watts/57.5 peak × 4ch
Output Wiring	:	Floating-ground type designed for 4 speaker use. RCA low-level outputs (2 channels).
Output Impedance	:	Compatible with 4-8 ohm speakers.
Low - Level Output	:	2 V.

TUNER

Tuning Range	:	AM : 530 - 1,710 kHz (10 kHz step) FM : 87.5 - 107.9 MHz (200 kHz step)
Sensitivity	:	AM : 20 µV FM : 9.1 dBf mono sensitivity
FM Stereo Separation	:	35 dB

CD PLAYER

Frequency Response	:	20 - 20,000 Hz
S/N Ratio	:	98 dB
Wow & Flutter	:	Below the measurable limit

OTHER

Remote Control Options:		RC-823 Credit Card Remote
CD Changer Cable	:	p/n F00E500029
AUX Input Cable	:	p/n 7 607 897 093

ENGLISH

Issue date 12-01
288F0470

Bosch Group

Please send other correspondence to:

Robert Bosch Corporation Sales Group
Blaupunkt - Mobile Communications Division
2800 S. 25th Ave.
Broadview, IL 60155

Please
Place First
Class
Stamp
Here

Bosch Group

BENEFITS REGISTRATION DEPARTMENT
PO BOX 1265
DENVER CO 80201-1265

PLEASE DETACH HERE AND KEEP FOR YOUR RECORDS.

1 **1. Mr.** ☐ **2. Mrs.** ☐ **3. Ms.** ☐ **4. Miss** ☐ 174A

Warranty Number: D22Z0 302110

First Name: Initial: Last Name:

Address: (Number and Street) Apt. #:

City: State: Zip:

2 **Phone #:**

3 **Date of Purchase:** Month Day Year

4 **Store Name:**

5 **Where did you make your purchase?**
1. ☐ Car audio store
2. ☐ Automobile dealer
3. ☐ Superstore
4. ☐ Department store
5. ☐ Catalogue/mail order
6. ☐ Other

6 **Check the two (2) most important reasons you chose Blaupunkt over the competition:**
1. ☐ Friend/Family recommendation
2. ☐ Salesperson recommendation
3. ☐ Tape player quality/features
4. ☐ CD player quality/features
5. ☐ Ease of use/location of controls
6. ☐ Styling/Appearance
7. ☐ Tuner quality/features
8. ☐ Blaupunkt warranty
9. ☐ Convenient installation
10. ☐ Sound quality
11. ☐ Blaupunkt Reputation
12. ☐ Detachable Face
13. ☐ Magazine review
14. ☐ Value for price
15. ☐ Other (Describe in comments)

7 **In what vehicle will this Blaupunkt product be installed?**

Make: (example: Ford) Model: (example: Mustang) Year: (example: 1965)

8 **How did you first learn about Blaupunkt?**
1. ☐ Friend/relative
2. ☐ Salesperson
3. ☐ Magazine article
4. ☐ In-store display
5. ☐ Radio ad
6. ☐ Newspaper ad
7. ☐ Magazine ad
8. ☐ Not sure

9 **When did you make your decision on which model to buy?**
1. ☐ Before coming to the store
2. ☐ At the store

10 **What brand was your second choice?**
1. ☐ Alpine
2. ☐ Audiovox
3. ☐ Clarion
4. ☐ Eclipse
5. ☐ Jensen
6. ☐ JVC
7. ☐ Kenwood
8. ☐ Panasonic
9. ☐ Pioneer
10. ☐ Rockford-Fosgate
11. ☐ Sony
12. ☐ Other
13. ☐ None

11 **Who installed this product?**
1. ☐ Store where the product was purchased
2. ☐ I did it myself
3. ☐ Friend or relative
4. ☐ Independent installer
5. ☐ Other

12 **Which of these products do you plan to buy in the future?** (check all that apply)
1. ☐ None
2. ☐ Front speakers
3. ☐ Rear speakers
4. ☐ Amplifier
5. ☐ Subwoofer
6. ☐ Equalizer
7. ☐ CD changer

13 **Date of Your birth:** Month Day Year

14 **Education** (Please check which category applies):
1. ☐ High School
2. ☐ Some College
3. ☐ Completed College
4. ☐ Graduate School

15 **Including yourself, what is the total number of people living in your household?**
(EXAMPLES: 01, 02, 03, 04.....)

16 **NOT including yourself, what are the AGES of other people living in your household?**
Age (in years)
Male:
Female:

17 **Marital Status:** 1. ☐ Married 2. ☐ Single

18 **Which best describes your family income?**
1. ☐ Under $15,000
2. ☐ $15,000-$24,999
3. ☐ $25,000-$34,999
4. ☐ $35,000-$49,999
5. ☐ $50,000-$74,999
6. ☐ $75,000-$99,999
7. ☐ $100,000-149,999
8. ☐ Over $150,000

19 **Which best describes your family income?**
1. ☐ Purchased clothes through the mail?
2. ☐ Purchased gifts through the mail?
3. ☐ Worked in your garden?
4. ☐ Traveled on vacation?
5. ☐ Purchased a PC or PC software?
6. ☐ Purchased two or more books?
7. ☐ Purchased cassettes/CDs?
8. ☐ Donated to wildlife/environmental causes?
9. ☐ Donated to charities

Comments: _____

Thank you for filling out this questionnaire. Your answers are important to us. Please check here [ ] if you would prefer not to participate in additional market research for Blaupunkt or obtain information on new opportunities from other companies

IMPORTANT!

Thank You For Buying a ● BLAUPUNKT® Radio!

To provide you with these important benefits, you must complete this card and mail within 10 days of purchase.

- ✔ **Insurance Referral**
- ✔ **Warranty Confirmation**
- ✔ **Ownership Registration**

Your responses will also help us refine and enhance our products and marketing programs. We greatly appreciate and value your input, and are pleased to provide you with the above benefits.

Warranty Details - Refer to your radio's warranty. **Service Information** - Please contact us at:

Robert Bosch Corporation Sales Group
Blaupunkt - Mobile Communications Division
2800 S. 25th Ave.
Broadview, IL 60155

1-800-266-2528

28851801

PLEASE DETACH HERE AND KEEP FOR YOUR RECORDS.

BENEFITS REGISTRATION

By completing and returning the attached Benefits Registration Card, you will receive these important benefits:

- ***Insurance Referral*** - We will keep the model number, warranty (serial) number, and date of purchase of your new Blaupunkt radio on file to help you refer to this information in the event of an insurance claim; such as if the car is stolen.

- ***Warranty Confirmation*** - Your prompt registration confirms your rights to the protection available under the terms and conditions of your Blaupunkt warranty.

- ***Ownership Registration*** - Returning this card is your only way to guarantee that you will be notified by Blaupunkt of any issues that arise concerning this product.

BLAUPUNKT®

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